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Deborah J. Mouzon

Patent #1908

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of
Shi, et. al.

Serial No. 09/817,419

Filed: March 26, 2001

For: CEREAL GRAINS WITH HIGH TOTAL DIETARY:
FIBER AND/OR RESISTANT STARCH CONTENT:
AND THEIR PREPARATION THEREOF

Group Art Unit: 1761

Examiner:

INFORMATION DISCLOSURE STATEMENT PURSUANT TO 37 C.F.R. 1.97

Commissioner for Patents
Washington, D. C. 20231

SIR:

In compliance with Applicants' duty of disclosure under 37 C.F.R. 1.56, and in accordance with 37 C.F.R. 1.98, Applicants' direct the Examiner's attention to the publications listed on the PTO #1449 form, which is being submitted herewith. Copies of all publications listed on the #1449 form are being submitted herewith.

The disclosure of the above references does not constitute an admission that they are relevant or material to the claims or are "prior art" to the subject application. The citation of them is not to be construed as a representation that no better art exists or that a search has been made; they are cited merely as constituting collectively the closest art of which applicants are aware.

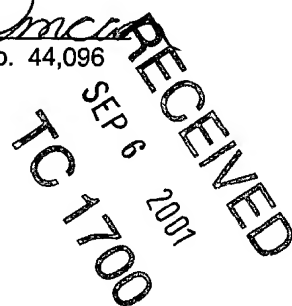
It is respectfully submitted that the information should be considered by the Patent Office as it is being filed pursuant to 37 CFR § 1.97(b)(3) before the mailing date of a first office action on the merits.

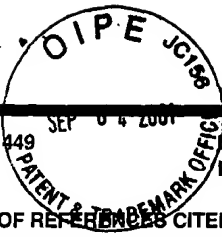
In the event that a first Office Action has already issued and is crossing in the mail with this information, please consider the information and charge the \$240.00 fee under 37 C.F.R. § 1.17p to Deposit Account No. 14-0455. Please charge any additional fees or credit overpayment to Deposit Account No. 14-0455. Triplicate copies of this letter are enclosed.

Respectfully submitted,

Laurelee A. Duncan
Laurelee A. Duncan, Reg. No. 44,096
Attorney for Applicants
Tel. 908-685-5433

National Starch and Chemical Company
P. O. Box 6500
Bridgewater, New Jersey 08807-0500
August 30, 2001





SHEET 1 OF 4

Form PTO-1449
(REV. 7/80)

SEP 6 2001

U.S. Department of Commerce
Patent and Trademark Office

Atty. Docket No. 1908

Serial No.
09/817,419LIST OF REFERENCES CITED BY APPLICANT
(Use several sheets if necessary)

Applicant: Shi, et. al.

Filing Date: 03/26/01

Group 1761

U.S. PATENT DOCUMENTS

*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
	AA	5,593,503					
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

	AL						
	AM						
	AN						
	AO						
	AP						

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

	AR	Czarnecki, et. al. "Effect of Heat Treatment on Carbohydrates and Protein in Cereal Grain, <u>Biuletyn Informacyjny Przemyslu Paszowego</u> 23(2): 1-16, 1984.
	AS	Yakovenko, V.A., "Effect of hydrothermal processing of grain on physicochemical properties of starch in maize grits, <u>Izvestiya Vysshikh Uchebnykh Zavedenii, Pishchevaya Tekhnologiya</u> , 1971 (6), 66-68.
	AT	Talanov, et. al. Changes in the responsiveness to digestion of proteins and starch contained in the grain and groats of legumes during heat treatment, <u>Vopr. Pitan</u> , 32 (6), 1973, 75.

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*EXAMINER: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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	AO					
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OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

AR	Barier-Guillot, et. al., Effect of Heat Drying Temperature on the Nutritive Value of Corn in Chickens and Pigs, Animal Feed Science and Technology 41(2): 149-159 (1993).
AS	Fasina, et. al., Infrared Heating of Hullless and Pearled Barley, Journal of Food Processing and Preservation 23(2). pp. (July 1999).
AT	Holm, et. al., The Effect of Various Thermal Processes on the Glycemic Response to Whole Grain Wheat Products in Humans and Rats, Departments of "Food Chemistry, Community Health Sciences, and Food Technology, University of Lund, S-221 00 Lund, Sweden, and Department of Cell Biology, University of Linköping, S-581 85 Linköping, Sweden.

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	AN					
	AO					
	AP					

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

AR	Oliveira, J.S., Huber, J.T., Simas, J.M., Theuter, C.B. Swingle, R.S., Effect of sorghum grain processing on sit and extent of digestion of starch in lactating dairy cows, Journal of Dairy Science, 78(6), 1995, 1318.
AS	Arcot, J. and Sagum, R., Effect of domestic processing methods on the starch, non-starch polysaccharides and in vitro starch and protein digestibility of three varieties of rice with varying levels of amylose, Food Chemistry, 70(1), 2000, 107.
AT	Alonso, R., Aguirre, A. Marzo, F., Effects of extrusion and traditional processing methods on antinutrients and in vitro digestibility of protein and starch in faba and kidney beans, Food Chemistry, 68(2), 2000, 159.

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AP						

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AR	Dohnalek, R. and Cap, M., Effect of irradiation time and moisture content on the degree of starch degradation in grains treated by infrared heating, Krmivarstvi Sluzby, 13(10), 1977, 218.
AS	
AT	

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TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i>	Application Number	09/817,419	
	Filing Date	03/26/01	
	First Named Inventor	Shi, et. al.	
	Group Art Unit	1761	
	Examiner Name	To Be Assigned	
Total Number of Pages in This Submission	5	Attorney Docket Number	1908

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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Laurelee A. Duncan, Reg. No. 44,096
Signature	<i>Laurelee A. Duncan</i>
Date	August 30, 2001

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Typed or printed name	Deborah J. Mouzon	Date	08/30/01
Signature	<i>Deborah J. Mouzon</i>		

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